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# LIBRARY NEWSLETTER

## U. S. DEPARTMENT OF AGRICULTURE

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### NEW BOOKS IN THE LIBRARY

EFFECTIVE RADIO SPEAKING, by W. G. Hoffman and R. L. Rogers. McGraw-Hill, 1944.  
241p. 145.2 H67E

The authors of this book say if you have enough of the writer and the actor in you to compose good scripts and to read them satisfactorily, don't bother to read this book. But if you want some systematic discussion of what makes a good radio talk good, and some advice that may give your talk the spark you are vaguely looking for, they hope you will find it here.

A FLORA OF SOUTH CENTRAL TEXAS, by R. G. Reeves and D. C. Bain. Lithographed by W. M. Welch Manufacturing Company, Chicago, 1946. 298p. 455.63 R25

The principal aim of this work is to provide a manual for the teaching of elementary courses in plant taxonomy and for the identification of seed plants in general of South Central Texas. The locality covered by the book may be designated as the Southern Post Oak Area of the Coastal Plain of Texas. It is typified by Brazos County which is entirely within the area. Other counties wholly or mainly included are: Lavaca, Colorado, Guadalupe, Caldwell, Bastrop, Lee, Burleson, Milam, Grimes, Robertson, and Madison. No illustrations.

LAND CLASSIFICATION FOR LAND-USE PLANNING, by G. V. Jacks. Imperial Bureau of Soil Science Technical Communication No. 43. 1946. 90p. 56.9 Im72

Land classification in the sense here used relates to the grouping of lands according to their suitability for producing plants of economic importance. The author discusses systems of land classification in Michigan, in Great Britain, in the U. S. Soil Conservation Service, in the Tennessee Valley, in Prussia, in Canada, and includes a few pages on classification for irrigation purposes. Other sections are Agricultural Regions, The U. S. Soil Survey, The Physical Classification of Land, The Use of Natural Vegetation as an Indicator of Land Quality, Estimation of Productivity.

PERSONALITY AND ENGLISH IN TECHNICAL PERSONNEL, by P. B. McDonald. Van Nostrand, 1946. 424p. 249.3 M14

This book was reviewed in USDA for December 23, 1946. It discusses not only good report and letter writing but also the technical specialist's personality, comments on the cultural interests a technical man should cultivate and his attitudes toward relations with supervisors and colleagues.

pH AND PLANTS, by James Small. Van Nostrand, 1946. 216p. 463.3 SmlP

As stated in the preface, a small book cannot achieve completeness with the immense literature in this field, but this book does give samples over a wide field to illustrate methods of approach and type of results. It is a book for beginners, but its bibliography will be very valuable for a reader desiring to go into more detail. Some of the chapter headings are: pH and plant sap, pH and aquatic plants, Soil pH and plants, pH and plant pathology.



THE PRACTICE OF SILVICULTURE, by R. C. Hawley. Wiley, 1946. 354p. 99.45 H31 Ed.5

In this fifth edition, The Practice of Silviculture has been thoroughly revised, and many portions have been rewritten and enlarged to give expression to new knowledge and modern interpretations of old principles. One of the values of revision is that the reference lists at the ends of chapters are brought up-to-date. On the whole the chapterheadings are about the same as in the fourth edition though some chapters in the new edition are longer. Whereas one chapter of twelve pages covered improvement and salvage cuttings and pruning in the fourth edition, two chapters of twenty-five pages are devoted to these subjects in the new edition.

THE SHORE DIMLY SEEN, by Ellis G. Arnall. Lippincott, 1946. 312p. 280.12 Ar62

An important book about the South which takes up the problems of that section from the sharecropper's dilemma to Fascist infiltration. Jonathan Daniels said of it, "Ellis Arnall has written a book not merely about the South for Southerners but about America for Americans. If Claghorn can read, he won't read it. But it is an imperative for the rest of us. The Shore Dimly Seen is an understanding addition to the literature of real, creative liberalism in the United States."

SOILS AND FERTILIZERS FOR GREENHOUSE AND GARDEN, by Alex Laurie and D. C. Kiplinger. DeLa Mare Co., 1946. 119p. 57 L37

This revision of Fertilizers for Greenhouse and Garden Crops, originally published in 1930, brings up-to-date the information acquired since then. The authors discuss such subjects as Soil aeration, Soil sterilization, Cover crops and composts, and Nutrient deficiencies.

WILD ACRES, A BOOK OF THE GULF COAST COUNTRY, by H. H. Kopman. Dutton, 1946. 189p. 413 K83

John Kieran writes in the forward to this book: "Most of the books that treat of Nature or some division of that wide field were undertaken by the authors largely as labors of love. ... This is another such book, written with quiet enthusiasm and leisurely charm out of long experience in a picturesque region, the lower reaches of the Mississippi where that great river spreads itself through the Delta into the Gulf of Mexico. The birdlife of that area is the main topic of the book."

## SELECTED BULLETINS

### Agricultural Economics

"Determining costs of tractor and machinery use," by B. T. Lanham. Ala. agr. expt. sta. Progress Report No. 33. 1947. 4p. 100 AL1P 33

"Farm power and equipment costs in Northern Alabama," by B. T. Lanham. Ala. agr. expt. sta. Bul. 260. 1947. 31p. 100 AL1B 260

"Marketing Cotton in Oklahoma," by A. W. Jacob. Okla. agr. col. ext. ser. cir. 435. 15p. 275.29 OK41C 435

"Marketing margins and costs for livestock and meat," by K. Bjorka. USDA Tech. Bul. 932. 1947. 101p. 1 Ag84Te 932

"Problems in farm management and production costs on 40 farms in northeast Mississippi," by W.J. Edens. Miss. agr. expt. sta. Bul. 431. 1946. 55p. 100 M69B

"Prospective income from average size farms on grade 2 Missouri land," by R. C. Whitney. Mo. agr. expt. sta. Bul. 497. 1946. 31p. 100 M693 497

### Agricultural Engineering

"Comparison of different methods of harvesting cotton," by H. P. Smith and others. Tex. agr. expt. sta. Bul. 683. 1946. 22p. 100 T31S 683

"Construction details for making a mechanical post hole digger," by H. H. Kob and O. J. Trenay. Colo. agr. col. ext. ser. cir. 144-A. 1947.

"Factors affecting the performance of mechanical cotton harvesters (stripped type), extractors and cleaners," by H. P. Smith and others. Tex. agr. expt. sta. Bul. 686. 1946. 50p. 100 T31S 686

#### Agronomy

"New varieties of sorghum," by R. E. Karper and J. R. Quinby. Tex. agr. expt. sta. Progress Report 1064. March 1947. 7p. 100 T31P

"The residual effects of some leguminous crops," by T. L. Lyon. Cornell agr. expt. sta. Bul. 645. 1936. 100 148B 645

"Some oil seed crops in Texas," by E. B. Reynolds. Tex. agr. expt. sta. Progress Report 1066. 1947. 3p. 100 T31P 1066

#### Chemurgic Papers 1947 Series

"Chemurgy, the hope of civilization," by W. J. Hale. No. 546. 7p.

"What chemurgy can do for the Southwest," by V. H. Schoffelmayer. No. 545. 7p.

"An appraisal of the ceramic resources of Louisiana," by H. L. Winburn. No. 536. 4p.

"Mechanized dehydration--a step in solution of the south's problems," by E. S. Richardson. No. 544. 5p.

"Some theoretical aspects of dehydration," by G. O. Kohler. No. 535. 4p.

"Chemurgy at work in Louisiana," by H. R. Bodemuller. No. 534. 4p.

"Utilization of low-grade hardwoods," by E. A. Anderson. No. 543. 6p.

"Business opportunities in growing timber," by E. R. Reynolds. No. 542. 6p.

"Farm forestry," by Massey Anderson. No. 533. 7p.

"Dehydrated dairy feeds," by L. T. Wells. No. 532. 3p.

"Need for local and regional research in the field of chemurgy," by C. L. Wrenshall. No. 541. 7p.

"The growing of pulpwood and its utilization," by Clarence Scott. No. 540. 5p.

"Fats and oils as used in the paint, varnish, enamel and lacquer industry," by M. F. Taggart. No. 539. 4p.

"Clays in the Southwest," by J. H. McKinnon. No. 538. 4p.

"Potential uses of clays of northwest Louisiana," by P. E. Cox. No. 537. 8p.

#### Farming

"Seven principles of successful farming in Oklahoma." Okla. agr. col. ext. ser. Cir. 446. 275.29 0341C 446

"Subsistence on the small farm with special reference to the Cumberland Plateau," by J. J. Bird and others. Tenn. agr. expt. sta. Bul. 201. 1946. 63p. 100 T25S 201

#### Forestry

Forest Products Laboratory publications--Reports.

Improved harvesting methods: Equipment survey notes.

"Arch mounted on crawler tractor." Report R1637-1.

"End loading trucks." Report 1637-2.



"Self-loading semi-trailers." Report R1637-3.

"Log bucking yards." Report R1637-4.

"Logging sulkies." Report R1637-5.

"Hydraulic log cart." Report R1637-7.

The call number for these reports is 1.9 F761R

"Lumber waste and furniture manufacture," by T. R. Truax. Report R1667. 1.9 F761R

Lake States Forest Experiment Station. Station papers. 1.9622 L2St2

"Lake states forests and the pulp and paper industry," by E. L. Demmon. 10p. Dec. 1946.

"Some forest-wildlife problems in the Lake States," by S. E. Aldous. 11p. Jan. 1947.

"Logging mechanization," by G. Godwin. Canadian Pulp and Paper Association. 302.8 P96

"Lumber manufacturing, wood using and allied associations, 1947." U. S. Forest Service. 1.9 F761m

"Management control in selection forest," by H. Knuchel. Imperial Forestry Bureau tech. com. No. 5. 1946. 32p.

"Mechanical loaders," by A. H. Burk. Canadian Pulp and Paper Association. 302.8 P96

"Modern turpentine practices," by W. P. Everard. USDA Farmers' Bul. 1984. 1947. 12p. 1 Ag84F 1984

"Problems and progress of forestry in the United States," report of the Joint committee on forestry of the National Research Council and the Society of American Foresters. 1947. 112p. 99.61 J66

"Southern hardwood buyers' guide, 1947." Southern hardwood producers, inc.

Southern hardwood information series.

"Red and sap gum from southern hardwood forests." No. 1.

"Oak from southern hardwood forests." No. 2.

"Southern hardwood interiors." No. 3.

"Tupelo and black gum from southern hardwood forests." No. 4.

"Southern oak for paneling and interior trim." No. 5.

"The southern hardwoods." Southern hardwood producers, inc.

#### Homemaking

"Apples," by A. R. Willman and M. G. Phillips. Cornell agr. col. ext. Bul. 710. 1947. 16p. 275.29 M48E 710  
Recipes using apples.

"Facts about enriched flour and bread." Okla. agr. col. ext. Cir. 442. 1p.

"Family meal service," by M. H. Ericson. Cornell agr. col. ext. Bul. 702. 1946. 24p.

"Fruit ices: make them at home," by J. C. Hening. Cornell agr. col. ext. Bul. 708. 1947. 8p. 275.29 M48E

"Kitchen cupboards that simplify storage," by M. K. Keiner and H. E. McCullough. Cornell agr. col. ext. Bul. 703. 1947. 32p. 275.29 M48E

"Living happily together," by Leta Moore. Okla. agr. col. ext. ser. Cir. 440.  
8p. 275.29 Ok41c

#### Horticulture

"Centipede grass for lawns." Ga. Coastal Plain expt. sta. Mimeo. Paper 48. 1947.  
2p. 100 G292M 48

"Fruit varieties recommended for Oklahoma," by E. L. Whitehead. Okla. agr. col.  
ext. Cir. 444. 3p. 275.29 Ok41c

"Improving garden soil fertility," by E. L. Whitehead. Okla. agr. col. ext. Cir.  
443. 3p. 275.29 Ok41c

"The Missouri concrete greenhouse bench," by J. E. Smith. Mo. agr. expt. sta. Bul.  
496. 16p. 100 M693

"Spring tomatoes in the lower Rio Grande Valley," by W. H. Friend. Tex. agr. expt.  
sta. Progress Report 1068. 6p. 100 T31P

"Tomato diseases in Texas," by P. A. Young. Tex. agr. expt. sta. Cir. 113. 1946.  
66p. 100 T31S

"Tomato spray schedule." Ga. Coastal Plain expt. sta. Mimeo. Paper 49. 1947.  
2p. 100 G292M

"Varieties of vegetables for Oklahoma," by E. L. Whitehead. Okla. agr. col. ext.  
Cir. 443. 3p. 275.29 Ok41c

#### Plant Diseases and Pests

"Controlling fruit pests in Oklahoma," by F. Lecrone. Okla. agr. col. ext. Cir.  
168. 32p. 275.29 Ok41c

"New oat disease increases importance of seed treatment," by C. H. Kingsolver.  
Mo. agr. expt. sta. Cir. 312. 1947. 4p. 100 M693C

"Potato diseases in Florida," by A. H. Eddins and others. Fla. agr. expt. sta.  
Bul. 427. 1946. 96p. 100 F66S

"Seed treatment for peanuts," by C. Wilson. Ala. agr. expt. sta. Leaflet 23. 1947.  
4p. 100 AL1L

"Studies of the control of peanut leafspot," by J. P. Wilson and C. Wilson. Ala.  
agr. expt. sta. Progress report 32. 1947. 3p. 100 AL1P

#### Soil Conservation

"No run-off and no erosion for 20 years," by R. E. Dickson and P. T. Marion.  
Tex. agr. expt. sta. Progress Report 1065. 1947. 3p. 100 T31P 1065

"Soil treatment to improve permanent pastures," by A. W. Klemme. Mo. agr. expt.  
sta. Cir. 310. 1946. 8p. 100 M693C

"When drought returns to the Great Plains," by Tom Dale. USDA Farmers' Bul. 1982.  
1947. 14p. 1 Ag34F 1982

#### Miscellaneous

"Electric and other types of house heating systems," by L. Slegel. Oregon Eng.  
expt. sta. Cir. No. 9. 54p.

"Flame cultivation," by H. T. Barr. La. agr. expt. sta. Bul. 415. 1947. 15p.  
100 L93

"Conserving and developing Arizona's agricultural wealth." Ariz. agr. expt. sta.  
Bul. 205. 1946. 30p. 100 Ar4B



- "Grazing beef cattle on winter-growing crops," by R.H. Means and others. Miss. agr. expt. sta. Cir. 125. 1946. 11p. 100 M69C
- "Green feed as a substitute for laying mash for hens," by D. F. King. Ala. agr. expt. sta. Progress Report 30. 1947. 3p.
- "Management of farm fish ponds," by H. S. Swingle and E. V. Smith. Ala. agr. expt. sta. Bul. 254. Revised January 1947. 30p. 100 AL1B
- "Practical home dairying for farm women and 4-H club girls," by J. W. Boehr and H. C. Olson. Okla. agr. col. ext. Cir. 431. 31p. 275.29 Ok41C
- "Preparation of peaches for freezing," by J. G. Woodroof and others. Ga. agr. expt. sta. Bul. 251. 1947. 70p. 100 G29B  
From commercial angle.
- "Report of the Administrator of Agricultural Research, 1946." USDA. 306p. 1. Ag84
- "United fresh fruit and vegetable association, 1947." 43rd annual meeting.  
Articles which may be of interest are: "The world's foremost produce market,"  
"Air freight for fresh fruits and vegetables," "Hazards in shipping fresh fruits and vegetables," "Costs of marketing fresh fruits and vegetables."
- "The vegetation of the Fort Worth Prairie," by E. J. Dyksterhuis. Reprinted from Ecological Monographs, January 1946.

#### 1945 CENSUS REPORTS FOR REFERENCE USE

Volume I gives statistics for farms, acreage, value, characteristics, livestock, livestock products, crops, fruits, and value of farm products. The library has Volume I for the following states:

Alabama	Arkansas	Louisiana	Mississippi	Oklahoma	Tennessee
Texas					

If you need information contained in these reports to help with your work, we shall be glad to supply it.

#### TWO NEW ANNUALS IN THE LIBRARY

ANNUAL REVIEW OF BIOCHEMISTRY, Vol. XV, 1946. 686p. 381 An7

Among its articles are "Plant carbohydrates," "Organic insecticides," "The chemistry of the proteins and amino acids," "The respiration of plants," and "The chemistry of the hormones."

PROCEEDINGS OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, Vol. 47, 1946. 594p.

This book contains many articles on various fruits, vegetables, flowers, and trees.







